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C2  
Cm4

requires the addition of a generally convex semi-elliptically shaped elongated cylindrical firm lumbar support support on the lower portion of the relatively firm foundation. This addition whether integral and continuous or not, converts the rudimentary foundations to foundations having a convex contour on their lower portion. Though the lumbar support is defined as elongated, this should not be construed limit the design from obvious variations described in the incorporated by reference Patent Number. 5,474,362 --.

### AMENDMENT OF CLAIMS

Note: Only the most recent changes are underlined and bracketed.

### AMENDED CLAIMS

I claim:

#### 1. A backrest/leisure chair comprising:

- C3
- (a) a relatively firm generally wedge shaped foundation having a sloped face, a base, a back and two sides, the face being oriented at an acute angle from the base to define a generally wedge shape, the face further having an obtuse angle generally at its midpoint which orients an upper portion of the face at a higher angle than a lower portion;
  - (b) a softer top cushion having an upper and lower portion secured to the face; and
  - (c) a means for supporting occupant's lumbar region in a relatively natural lordotic curve comprising a generally convex semi-elliptically shaped elongated cylindrical generally firm lumbar support on the lower portion of the relatively firm foundation and extending substantially to a lower edge of said face, said firm lumbar support having a firmness sufficient to generally maintain its convex shape when pressure from a reclining occupant leaning against the foundation is applied.

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2. The backrest/leisure chair of claim 1 wherein said means for supporting a natural lumbar lordotic curve is a relatively firm generally semi-elliptically shaped cylindrical contour on the foundation, with the softer top cushion having a hollow that corresponds to the semi-elliptically shaped contour, placed over the foundation.

C3  
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3. The backrest/leisure chair of claim 1 wherein said generally wedge shaped foundation has a convex contour on the lower portion of said face for supporting the lumbar curve of the user in a relatively natural lordotic curve, when a top cushion of is placed over it, and wherein the top cushion generally follows the convex contour of the foundation.

✓  
4. **(CANCELLED)** The backrest/leisure chair of claim 1 wherein said generally wedge shaped foundation has means for supporting armrests through securing the armrests to generally the lower half of the face of the foundation.

4/  
5. The backrest/leisure chair of claim 1 wherein the generally midpoint on the face has a means for cradling the middle range of the occupant's thoracic vertebrae.

C4  
5/  
6. The backrest/leisure chair of claim 1 wherein said obtuse angle is between about 160 degrees and about 170 degrees.

6/  
7. The backrest/leisure chair of claim 1 wherein the acute angle of the lower portion of the generally wedge shaped foundation relative to a horizontal plane is between about 20 degrees and about 70 degrees.

7/  
8. The backrest/leisure chair of claim 1 further including a seat cushion having an attachment means secured to the lower portion of the foundation, suitable for providing comfort to the buttocks when sitting on the floor, and at the same time preventing the occupant of said leisure chair from slipping down out of position.

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7/  
9. The backrest/leisure chair of claim 8 further including an unattached legrest cushion

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for supporting the lower legs of the user, and having [an anti-slip] a generally slip resistant surface on the bottom of its upholstery.

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10. The backrest/leisure chair of claim 1 wherein a pillow is provided for a head rest, and wherein the pillow has an attachment means to secure it near the top of the generally wedge shaped foundation.

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11. A backrest/leisure chair comprising:

(a) a relatively firm generally wedge shaped foundation having a face, a base, a back and two generally triangular sides, with the base being positioned parallel to a horizontal plane such as a floor or bed, and the face being oriented at an acute angle relative to both the base and the horizontal plane to define a generally wedge shape, wherein said face has an upper portion and a lower portion, wherein said upper portion has an average general pitch relative to the horizontal plane and said lower portion has an average general pitch relative to the horizontal plane, and wherein said face further has a contour which orients the average general pitch of upper portion of the face at a greater incline than the average general pitch of the lower portion;

(b) a means for supporting occupant's lumbar region in a relatively natural lordotic curve comprising a generally convex semi-elliptically shaped elongated cylindrical generally firm lumbar support on the lower portion of the relatively firm foundation and extending substantially to a lower edge of said face, said firm lumbar support having a firmness sufficient to generally maintain its convex shape when pressure from a reclining occupant leaning against the foundation is applied; and

(c) a top cushion having an upper and lower portion secured to the face of the generally wedge shaped foundation.

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12. The backrest/leisure chair of claim 11 wherein the top cushion is integral and

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continuous with the generally wedge shaped foundation.

12/ 13. The backrest/leisure chair of claim ~~11~~<sup>10</sup> wherein the firm foundation has an ILD firmness of at least 30 pounds.

13/ 14. The backrest/leisure chair of claim ~~11~~<sup>10</sup> wherein the top cushion has an ILD firmness of less than 41 pounds.

14/ 15. The backrest/leisure chair of claim ~~11~~<sup>10</sup> wherein said means for supporting a natural lumbar lordotic curve is a relatively firm generally semi-elliptically shaped cylindrical contour on the foundation, with the softer top cushion having a hollow that corresponds to the semi-elliptically shaped contour, placed over the foundation.

15/ 16. The backrest/leisure chair of claim ~~11~~<sup>10</sup> wherein said generally wedge shaped foundation has a convex contour on the lower portion of said face for supporting the lumbar curve of the user in a relatively natural lordotic curve, when a top cushion of is placed over it, and wherein the top cushion generally follows the convex contour of the foundation.

16/ 17. The backrest/leisure chair of claim ~~11~~<sup>10</sup> wherein the generally midpoint on the face has a means for cradling the middle range of the occupant's thoracic vertebrae.

SWR. 17/ 18. The backrest/leisure chair of claim 11, wherein an obtuse angle is formed by the intersection of the average pitch of the lower portion and the average pitch of the upper portion, and wherein said obtuse angle is between about 160 degrees and 170 degrees.

18/ 19. The backrest/leisure chair of claim ~~11~~<sup>10</sup> further including a seat cushion having an attachment means secured to the lower portion of the foundation, suitable for providing comfort to the buttocks when sitting on the floor, and at the same time preventing the occupant of said leisure chair from slipping down out of position.

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20. The backrest/leisure chair of claim ~~11~~<sup>10</sup> further including an unattached legrest cushion for supporting the lower legs of the user, and having a generally slip resistant surface on the bottom of its upholstery.

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22. (NEW) The backrest/leisure chair of claim ~~11~~<sup>10</sup> wherein a pillow is provided for a head rest, and wherein the pillow has an attachment means to secure it near the top of the generally wedge shaped foundation.

21. A backrest/leisure chair comprising:

(a) a generally wedge shaped support foundation having an inclined face, said face comprising an upper portion and a lower portion, with the lower portion of the face being oriented at an acute angle relative to a horizontal plane such as a floor or bed, said upper portion further having an average general pitch relative to the horizontal plane and said lower portion having an average general pitch relative to the horizontal plane, said inclined face further having a valley generally in the area where the upper portion and lower portion meet resulting in the average general pitch of upper portion of the face being at a greater incline relative to the horizontal plane than the average general pitch of the lower portion relative to the horizontal plane, wherein said valley provides a means for cradling an occupant's thoracic curve, said support foundation further having a convex contour on the lower portion of said face for supporting an occupant's lumbar region in a relatively natural lordotic curve, said convex contour being generally uniform in cross sectional shape like a generally semi-elliptically shaped elongated cylinder which extends substantially to a lower edge of said inclined face, said convex contour further having a firmness sufficient to generally maintain its convex shape when pressure from a reclining occupant leaning against the foundation is applied; and

(b) a top cushion having an upper and lower portion secured to the face of said generally wedge shaped foundation.